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U.S. DEPARTMENT OF LABOR  
Occupational Safety and Health Administration

Form Approved  
OMB No. 44-R1387

# MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing,  
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

## SECTION I

MANUFACTURER'S NAME <b>Goodyear Aerospace Corporation</b>		EMERGENCY TELEPHONE NO. <b>A/C 216 - 794-2382</b>
ADDRESS (Number, Street, City, State, and ZIP Code) <b>1210 Massillon Road Akron, Ohio 44315</b>		
CHEMICAL NAME AND SYNONYMS	TRADE NAME AND SYNONYMS <b>1840-C Anti-Static Coating</b>	
CHEMICAL FAMILY	FORMULA	

## SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS % Solids	26.8		BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS Toluene	43.	100ppm	FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS *	30.2	200ppm			
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
*30.2% by Wt. (60% Isobutyl isobutyrate)					
(40% Isobutyl acetate)					

## SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	231°F	SPECIFIC GRAVITY (H <sub>2</sub> O=1)	.9513
VAPOR PRESSURE (mm Hg.)	28	PERCENT, VOLATILE BY VOLUME (%)	80.97
VAPOR DENSITY (AIR=1)	3.2	EVAPORATION RATE (_____ =1)	
SOLUBILITY IN WATER			
APPEARANCE AND ODOR	Heavy black paint - acetate odor		

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	44°F closed cup	FLAMMABLE LIMITS	LeI	UeI
			1.27	7.0
EXTINGUISHING MEDIA	Water spray - carbon dioxide-dry chemical or foam			
SPECIAL FIRE FIGHTING PROCEDURES				
UNUSUAL FIRE AND EXPLOSION HAZARDS				

BOE-C6-0203333

### SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

**100 ppm ceiling 200 ppm (10 minutes)**

EFFECTS OF OVEREXPOSURE

**Fatigue-headache-muscular weakness-nausea-unconsciousness-dermatitis from long skin exposure-eye and upper respiratory tract irritant.**

EMERGENCY AND FIRST AID PROCEDURES

**Immediately flush eyes with plenty of water. Get medical attention in case of exposure to high concentrations. Remove to fresh air.**

### SECTION VI - REACTIVITY DATA

STABILITY

UNSTABLE

CONDITIONS TO AVOID

STABLE

**X**

INCOMPATIBILITY (Materials to avoid)

HAZARDOUS DECOMPOSITION PRODUCTS

HAZARDOUS  
POLYMERIZATION

MAY OCCUR

WILL NOT OCCUR

**X**

CONDITIONS TO AVOID

### SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

WASTE DISPOSAL METHOD

### SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

**Organic vapor respirator to remain below TLV**

VENTILATION

LOCAL EXHAUST

**Adequate to remain below TLV**

MECHANICAL (General)

SPECIAL

OTHER

PROTECTIVE GLOVES

**impermeable**

OTHER PROTECTIVE EQUIPMENT

EYE PROTECTION

**Glasses with shields or goggles, if likelihood of splash.**

### SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

**Keep away from heat, sparks and open flame. Keep container closed. Use with adequate ventilation. Avoid breathing vapor. Do not get in eyes. Avoid prolonged or repeated contact with skin.**